

Androstenedione

CPT Code: 82157

Order Code: 1173

ABN Requirement: No

Specimen: EDTA Plasma or Red Top Serum

Volume: 1.0 mL

Minimum Volume: 0.3 mL

Container: EDTA (Lavender Top) tube or Red Top (no gel barrier) tube

Collection:

EDTA Plasma

1. Draw and gently invert 8 to 10 times.
2. Centrifuge for 10 minutes.
3. Pre-squeeze transfer pipet bulb and draw off approximately 2/3 of the upper plasma layer.
Note: This ensures that the buffy coat and red cells remain undisturbed.
4. Aliquot plasma into labeled transport tube and cap tightly. Discard original tube.
5. Store transport tube refrigerated at 2-8°C until ready to ship.

Special Information: Early morning specimen is preferred.

Serum

1. Collect and label sample according to standard protocols.
2. Gently invert tube 10 times immediately after draw. DO NOT SHAKE.
3. Allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.
5. Aliquot serum into labeled transport tube and cap tightly.

Transport: Store EDTA plasma or serum at 2°C to 8°C after collection and ship the same day per packaging instructions provided with the Cleveland HeartLab shipping box.

Stability:

Ambient (15-25°C): 14 days

Refrigerated (2-8°C): 28 days

Frozen (-20°C): 2 years

Causes for Rejection: Samples other than EDTA plasma or red top serum; serum from SST tubes; specimens received in glass tubes; improper labeling; samples not stored properly; samples older than stability limits

Methodology: Chromatography/Mass Spectrometry

Turn Around Time: 5 to 6 days

Reference Range:

Adult Male	ng/dL
18-30 Years	50-220
31-50 Years	40-190
51-60 Years	50-220
Adult Female	ng/dL
Mid Follicular	51-213
Surge	73-230
Mid Luteal	73-184
Postmenopausal Phase	20-75
Pediatric	ng/dL
1-11 Months	≤41
1 Year, Male	≤31
1 Year, Female	35
2 Years, Male	≤27
2 Years, Female	≤34
3 Years, Male	≤27
3 Years, Female	≤38
4 Years, Male	≤29
4 Years, Female	≤42

5 Years, Male	≤31
5 Years, Female	≤45
6 Years, Male	≤36
6 Years, Female	≤45
7 Years, Male	≤43
7 Years, Female	≤48
8 Years, Male	≤54
8 Years, Female	≤57
9 Years, Male	≤65
9 Years, Female	≤77
10 Years, Male	10-77
10 Years, Female	15-111
11 Years, Male	12-90
11 Years, Female	24-149
12 Years, Male	14-106
12 Years, Female	32-182
13 Years, Male	17-124
13 Years, Female	37-205
14 Years, Male	19-139
14 Years, Female	42-221
15 Years, Male	21-154
15 Years, Female	43-238
16 Years, Male	24-172
16 Years, Female	50-252
17 Years, Male	27-192
17 Years, Female	53-265
Infants	ng/dL
Premature (31-35 weeks)	≤420
Term Infants	≤290

<30 days	No Range Established
Tanner Stages, Male	ng/dL
II-III	17-82
IV-V	57-150
Tanner Stages, Female	ng/dL
II-III	43-180
IV-V	73-220

Intended Use: The androstenedione test is indicated for the evaluation of patients with androgen excess and for managing patients with Congenital Adrenal Hyperplasia.

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.